

PUSH BUTTON APPARATUS

ABSTRACT

5 A push button apparatus includes a micro switch, an interface
structure located on the micro switch, a push button top cap and a
compression spring located between the interface structure and the push
button top cap. The push button top cap has a bottom surface which has a
protrusive hub located thereunder for housing a top section of the interface
10 structure. The top section of the interface structure is hollow and includes
at least one pair of independent and opposing elastic upper arms extending
therefrom. Each upper arm has an outer surface that has a retaining jut
formed thereon. The protrusive hub has a receiving opening of a selected
height formed at a respective location corresponding to the retaining jut to
15 form a restrictive sliding relationship in between and thereby allows the
push button top cap sliding in the top section of the interface structure.